

## THE DECAY IN CITRUS FRUITS

(continued from page 1)

The following table summarizes the percentage of decay found for the last season in the fruit held for two weeks in the packing houses:

Per C't.  
Oranges hand graded..... 2.9  
Oranges dropped 18 to 20 inches..... 20.1  
Retailly packed oranges..... 22.9  
Retailly injured oranges..... 48.7  
Per C't.  
Oranges graded by hand..... 2.1  
Oranges, machinery graded..... 20.3  
Oranges dropped 18 to 20 inches..... 10.6  
Retailly packed oranges..... 18.2  
Retailly injured oranges..... 35.4  
The season of 1907-8 fourteen  
percent of oranges handled in a way  
as the oranges in the packing  
houses were shipped to  
Washington and there held under mar-  
gins, the amount of decay be-  
came on arrival and at the  
succeeding week. As the  
fruit cooled during the shipping  
process all of the lots except the  
one which reached Washington in fair  
condition. The sound fruit graded by  
hand showed the least decay. At the  
end of the first week in storage, the  
carefully handled fruit remained  
in good condition, while all other  
lots showed considerable decay.  
Retailly packed oranges,  
which were less than 4 per cent of  
decay on arrival in Washington, de-  
cayed more than 10 per cent at the  
end of the week. At the end of sec-  
ond week the carefully handled fruit  
was in prime condition, with 4.5  
per cent decay, while all the other lots  
were decayed.

Florida orange has good keeping  
qualities when the handling has been  
carefully careful. On the other hand  
it is apparent that careless handling  
of the fruit is the way for decay, either  
while the fruit is in transit or after it  
has reached the market.

The present methods of harvesting  
citrus fruits in many cases in Florida  
are extremely rough, and a premium is  
placed on the quantity rather than the  
quality of the work done. This is due  
to the ease of labor employed, to a de-  
sire on the part of the packer to reduce  
the cost to the lowest possible figure,  
and to a lack of knowledge of the value  
of careful handling.

It is possible, even with the present  
labor, to lessen materially the amount  
of injury done in picking the fruit. The  
oranges showing clipper cuttings or  
other injuries or bearing long stems  
were counted on December 4 and 6 be-  
fore any educational work had been  
done among the pickers. In two weeks  
another examination of the fruit was  
made, and after ten days still another.  
Meantime, each picker was shown how  
much damage was being done and was  
told what effect this injury had upon  
the keeping quality of the fruit.

There is much opportunity for im-  
provement in the handling of the fruit  
in the packing houses also. The use of  
any kind of hopper is a source of much  
injury on account of the dumping of  
the fruit from the field crate. The  
large hopper used extensively in Flori-  
da tends to increase this injury. It is  
probable that the hopper can be elimi-  
nated entirely and the fruit delivered to  
the sizing machine on carrying belts.  
Many such arrangements have been  
in operation in California for the last  
two seasons and are giving excellent  
satisfaction.

Many of the conditions in California  
in 1905, when the investigation was un-  
dertaken there by the bureau of plant  
industry, were much like those in Flori-  
da. During the investigation, many  
changes favoring more careful handling  
of the fruit both in the groves and in  
the packing houses, have been made.  
Successful results have followed.

The experimental work indicates that  
what has been accomplished in Califor-  
nia may be duplicated in Florida. The  
decay of oranges is closely connected  
with rough methods of handling the  
fruit. Careful methods result in good  
keeping quality. Rough and careless  
work should be expected to cause decay  
and the experiments show that this is  
true.

Active work has commenced on the  
construction of the new high school  
building for St. Augustine. The struc-  
ture will cost upwards of \$50,000.

Beware of Ointments for Catarrh That  
Contain Mercury.

As mercury will surely destroy the sense of smell  
and completely derange the whole system when  
entering it through the mucous surfaces. Such  
articles should never be used except on prescrip-  
tions from reputable physicians, as the damage  
they will do is ten fold to the good you can pos-  
sibly derive from them. Hall's Catarrh Cure, man-  
ufactured by F. J. Cheney & Co., Toledo, O., contains  
no mercury, and is taken internally, acting directly  
upon the blood and mucous surfaces of the system.  
In buying Hall's Catarrh Cure be sure you get the  
genuine. It is taken internally and made in Toledo,  
Ohio, by F. J. Cheney & Co. Testimonials free.  
Sold by Druggists. Price 75c. per bottle.  
Take Hall's Family Pills for constipation.

## WARRANTS ORDERED DRAWN

The following list of warrants were  
approved by the county commissioners  
and warrants ordered drawn to pay the  
same, Monday, January 4th.

General Fund  
C. H. Edwards, county commissioner..... \$ 2.00  
P. Kroegel, county engineer and mileage..... 9.80  
J. H. Bell..... 5.00  
J. H. Baker..... 7.00  
Peter Raulerson, co. com. mileage, inspect..... 24.00  
J. E. Fultz, salary for December..... 30.00  
Ed Edge..... 10.00  
J. E. Fultz, copy and record minutes, Nov..... 8.00  
" 147 warrants, December..... 36.75  
" waiting on board January..... 4.00  
B. A. Warbinton, abstracting..... 101.75  
Miss Kate Stewart, abstracting..... 65.00  
F. M. Tyler..... 72.82  
Homer Conkling..... 63.00  
O. A. Stewart, rent abstractors office..... 7.00  
J. E. Fultz, rec. road account and express..... 2.40  
Albert Lewis, pauper..... 10.00  
J. M. Parley..... 8.00  
Willie Raulerson, pauper..... 8.00  
St. Lucie Drug Co., rent room school board..... 15.50  
St. Lucie Ice Co., ice clerk's office..... 2.50  
P. C. Popple, license card 1907 tax roll..... 24.25  
G. E. Dutton, commission on 1908 roll..... 33.00  
Fee & Stewart Co., rent offices to Jan 1, 1909..... 4.05  
P. P. Cobb, misc. clerk's office..... 105.64  
J. H. Wynn, com. Oct. Nov., Dec..... 5.00  
A. B. Brown, publishing minutes December..... 5.00

General Road Fund  
E. N. Stokes, ferryman..... 5.00  
Fee & Stewart Co., notes for road..... 3.35  
J. G. Roberts, road work..... 130.00  
J. E. Roberts, road work..... 12.00  
C. D. Reed, road work..... 24.00  
Walter Babo, lumber..... 2.60  
D. C. Cox, balance road contract..... 10.00  
E. C. L. & Co., lumber..... 1.00  
W. P. Leasiter, repairing bridge..... 1.00  
P. P. Lawson, road work..... 1.70  
J. H. Pulcher..... 0.05  
Ray Orrel..... 3.00  
J. M. Orrel, spikes..... 2.20  
R. A. Clart, road and bridge work..... 12.00  
H. Larsen, lumber and hauling..... 14.20  
S. Jensen, road work..... 3.75  
C. Bemenderfer, road work..... 9.55  
Ed Selman..... 9.50  
M. E. Smith..... 10.05  
N. C. Jorgensen..... 5.30  
P. P. Cobb, shovels and files..... 2.00  
Ernest Jolly, road work..... 22.55  
M. M. McGee..... 22.50  
John Woods..... 1.50  
John Harold..... 15.00  
A. Brown..... 1.50  
Jack McKinney, road work..... 1.50  
Albert Thornton..... 2.41  
Jensen Hdw. & Mehe Co., nails and wire..... 3.72  
H. Hunter, road work..... 1.50  
J. Young..... 4.20  
E. C. L. & Co., lumber Jensen-Rio road..... 19.80  
J. C. Chata & Co., road work..... 81.55

Special Road District No. 1  
J. G. Coats Co., hauling marl..... 125.00  
Ed V. Walker, road work..... 49.25  
Everett Vickers, road work..... 9.43  
Chas. Ryalls, hauling shell..... 22.50  
Geo. Vickers..... 25.54  
G. Kroegel, shell..... 22.05  
H. Ryalls, road work..... 6.40  
A. Kroegel, road work..... 49.50  
Ivey Lawson, hauling shell..... 35.25

Special Road District No. 3  
K. B. Raulerson, marl..... 9.00  
F. L. Hamer, road work..... 27.00  
G. Beville, hauling marl..... 16.00

Special Road District No. 4  
J. H. Baker, freight 1 ear shell..... 9.10  
E. J. Davis, shell..... 18.70  
Wm. McGee, road work..... 88.00  
Jasper Johnson, road work..... 17.70

Special Road District No. 5  
Fee & Stewart Co., misc. for roads..... 5.65  
John Strickland, hauling road work..... 7.50  
Josee Lowe, road work..... 14.25  
John Strickland, road work..... 19.00  
J. H. Strickland, on road contract..... 200.00  
Washington Lowe, road work..... 14.25

Fine and Forfeiture Fund  
D. S. Carlton, feeding prisoners..... 48.20  
P. P. Cobb, misc. for jail..... 3.35

## The Girls Were Still One Ahead.

A young and bashful professor was  
frequently embarrassed by jokes his  
girl pupils would play on him. These  
jokes were so frequent that he decided  
to punish the next perpetrators, and  
the result of this decision was that two  
girls were detained an hour after school  
and made to work some difficult prob-  
lems as punishment.

It was the custom to answer the roll  
call with quotations, so the following  
morning, when Miss A.'s name  
called, she rose and, looking straight in  
the professor's eye, repeated, "With  
all thy faults I love thee still," while  
Miss B.'s quotation was, "The hours I  
spend with thee, dear heart, are as a  
string of pearls to me."—Ladies' Home  
Journal.

## Respect at Last.

"Briefleigh is, I think, one of the  
greatest lawyers in this state."

"Why, I heard you say once that you  
didn't consider him any good."

"Oh, that was years ago. He used  
to give me pointers on legal matters  
without charging me anything because  
we happened to have offices adjoining  
each other. Recently he has been  
charging me a stiff price every time  
I have gone to him for advice."—Chi-  
cago Record-Herald.

## Ivory Pulp Plaster.

Tough and elastic. Does not crack  
like ordinary lime plaster, and dries  
quickly. Can be followed with wood  
work in 48 hours. Specify this in your  
plans. Write us for prices.

East Coast Lumber & Supply Co.  
Cocoa, Eau Gallie, Fort Pierce 26-8t

## Bank of Fort Pierce

Fort Pierce, Florida

Statement of condition at close of busi-  
ness January 6th, 1909:

RESOURCES.  
Loans and discounts..... \$131,438.24  
Overdrafts..... 2,555.53  
Bonds, stock and securities..... 13,894.42  
Banking house, furniture and  
fixtures..... 4,665.10  
Other real estate owned..... 3,454.48  
Cash on hand and in banks..... 54,130.00  
\$210,137.77  
LIABILITIES.  
Capital Stock..... \$ 17,000.00  
Surplus..... 20,000.00  
Undivided profits..... 3,981.77  
Deposits subject to check..... 156,160.16  
Time certificates of deposit..... 12,833.48  
Cashier's checks..... 80.36  
Certified checks..... 82.00  
\$210,137.77

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## POTATOES

## Citrus Fruits and Pineapples

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## Sanders Fertilizer Co.

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## BUDDED TREES!

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We will have ready for next Fall and Winter planting a general assort-  
ment of Orange and Grapefruit Trees of all leading varieties. Our  
trees are budded on good, healthy rough Lemon and Sour Orange roots,  
guaranteed free from insect pests of any kind. All are budded from  
bearing trees in our groves and are therefore true to name. Our facili-  
ties for growing nursery stock are second to none and our trees are as  
fine as money and twenty years' experience can produce. We are mak-  
ing a specialty this season of the famous California Valencia Late,  
which is destined to become the greatest money-maker in Florida. Our  
Valencia buds come direct from the best bearing trees now famous for  
producing the best Valencias in California.

Write for Prices to J. W. HOARD, Gotha, Nurseries at Waco, Fla.

## S. G. VanLandingham &amp; Sons

## The New Grocery Store

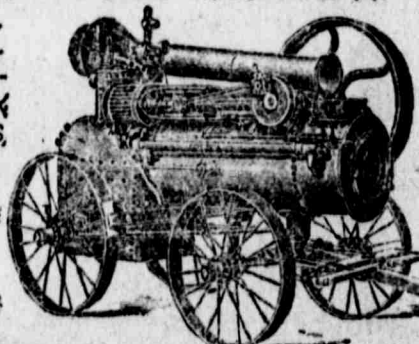
We wish to announce to the public that we have opened  
a GROCERY STORE in the J. W. Swain building and  
now have a choice stock of eatables.

It shall be our aim to continually carry the best there is  
in the grocery line, and will appreciate your patronage.  
Prompt delivery and satisfaction guaranteed.

## MALSBY COMPANY, ATLANTA, GA.

## COMPLETE LINE OF MODERN UP-TO-DATE MACHINERY.

GET THE BEST IT WILL SAVE YOU MONEY.  
WE HAVE THE BEST PORTABLE SAW MILL  
OUTFITS ON THE MARKET, AND VARI-  
OUS OTHER MACHINERY IN STOCK.  
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SEND FOR CATALOGUE AND  
TESTIMONIALS. WE HAVE ONE PLACE  
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ABOVE ADDRESS.  
A POSTAL CARD WILL BRING OUR SALESMAN TO YOU.  
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120 acres of land—all available for cultivation—35 acres in pine-  
apples—10 acres rich hammock planted in orange and grapefruit last  
winter—15 acres fine garden land. 31 acres of this consists of my  
valuable residence property on the Indian river one mile north of  
Jensen—balance being a short distance south of the proposed govern-  
ment improvements at Santa Lucia Inlet. Buildings and other im-  
provements (aside from the land, pineapples and orange grove) can-  
not be duplicated for less than \$8,000. Both these properties have  
Railway shipping platforms and side tracks at packing house doors.  
No hauling of crops. If you are looking for something of this size,  
a money maker from the start, and susceptible of extension and in-  
creasing profits, address owner for particulars, as ill health makes it  
necessary to sell at a sacrifice.

W. R. HARDEE,  
Jensen, Fla.

## Walton Livery and Sale Stall

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notice by phone, mail or wire.  
Rigs. Careful Drivers

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Constipation, Stomach and  
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restoring their natural action  
best for women and chil-  
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useate.

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Free Coughs; Prevents Pneumonia